BLACK+ DECKER

INSTRUCTION MANUAL

Smart Plug

Printed in China
Part No. PLU-PLM-020J-E01
English

BDXPS02U

Please read before returning this product for any reason.

Before operating the appliance, please read all safety and operating instructions. Save all instructions in a safe place for future reference.

Definitions: Safety Alert Symbols and Words

This instruction manual uses the following safety alert symbols and words to alert you to hazardous situations and your risk of personal injury or property damage.

DANGER: Indicates an imminently hazardous situation which, if not avoided, **will** result in death or serious injury.

WARNING: Indicates a potentially hazardous situation which, if not avoided, **could** result in death or serious injury.

CAUTION: Indicates a potentially hazardous situation which, if not avoided, **may** result in minor or moderate injury.

(Used without cord) Indicates a safety related message.

NOTICE: Indicates a practice **not related to personal injury** which, if not avoided, **may** result in property damage.

WARNING: Never modify the product or any part of it.

Damage or personal injury could result.

WARNING: Some material - PP contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm such as asbestos and lead in lead based paint.

*WARNING: **Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and / or serious injury.*

WARNING: To reduce the risk of injury, read the user guide.

IMPORTANT SAFETY INSTRUCTIONS

This appliance is intended for household use only and not for commercial or industrial use.

When using an electrical appliances, basic precautions should always be followed, including the following:

WARNING: To reduce the risk of fire, electrical shock or injury:

- *Shock Hazard. To protect against risk of electrical shock, do not put the appliance in water or other liquid.*
- *Use only as described in this manual. Use only manufacturer's recommended attachments.*
- *Do not use with damaged plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.*
- *Do not operate outdoors.*
- *Plug the plug directly into an electrical outlet.*
- *Use the plug only in a standard electrical outlet (120V/60Hz).*
- *Do not leave appliance when plugged in.*

- *Do not allow to be used as a toy. Close attention is necessary when used by or near children.*
- *Turn off the switch before unplugging.*
- *Please do not disassemble and repair it by yourself, contact manufacturer when necessary.*
- *This appliance shall not be used by children. Keep the appliance out of reach of children.*
- *Turn off the switch before unplugging.*
- *Pull the power out of the socket when not in use, avoid in touch with water.*

SAFETY INSTRUCTIONS

WARNING:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications., However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undersired operation.

- ***Have servicing performed by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the product is maintained.*
- ***Do not store or use the appliance near high temperature areas.***
- ***Do not use an extension cord unless it is absolutely necessary.** Use of improper extension cord could result in risk of fire, electric shock or electrocution.*
- ***Do not operate the product if it has received a sharp blow, been dropped or otherwise damaged in any way.** Take it to an authorized service center.*
- ***Do not disassemble the product; take it to an authorized service center when service or repair is required.** Incorrect reassembly may result in a risk of electric shock, electrocution or fire.*
- ***Disconnect the plug from the outlet before attempting any cleaning. This will reduce the risk of electric shock.***

CUSTOMER ASSISTANCE

Product Service & Support

For any questions about operating this new BLACK+DECKER branded product, PLEASE CONTACT US FIRST...do not return this product to the retail store. The contact information for support will vary depending on the country in which you purchased and utilize the product.

To obtain warranty service or other information for products purchased form CT Nova itself or through its authorized reseller or agent and utilized in the U.S.A., please visit **www.ctnovatech.com.** You will receive

instructions on how to ship the products at your expense to an our Authorized Service Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; and, most importantly; (c) your address and telephone number. For further information needed on its features, please visit **www.ctnovatech.com** for frequently asked questions and the electronic manual.

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SYMBOLS

The label on your tool may include the following symbols. The symbols and their definitions are as follows:

V	volts
A	amperes
Hz	hertz
W	watts
min	minutes
∼ or AC	alternating current
⎓ or DC	direct current
n_o	no load speed
⏚	Class I Construction (grounded)

⏚	earthing terminal
⚠	safety alert symbol
⧈	Class II Construction (double insulated)
.../min or rpm.	revolutions or reciprocation per minute
Wh	Watt Hours

OPERATING INSTRUCTIONS

- When any abnormality/failure occurs, stop using the product immediately and disconnect the power plug.
- Do not alter the plug in any way.

Get to know your Smart Plug

Light indicators

- Quick blinking blue (twice per second): EZ mode configuration is initiated.
- Slow blinking blue (once every 3 seconds): AP mode configuration is initiated.
- Solid blue: The Smart Plug is connected to the Wi-Fi network.
- Off: The Smart Plug is switched off and no Wi-Fi network.

Set up and Use

1 Power on the plug while ensuring that the phone is connected to the 2.4 GHz Wi-Fi network.

2 Search for "BLACK+DECKER HOME" in the App Store or Google Play or scan below the QR code to download and install the app.

3 Please click the "Register" button to register if you download it for the first time.

4 If you already have an account, click the "Login" button.

5 Open up the app's " page, click the "+" on the upper right corner of the page.

6 Select "Plug" on the device list page

7 Network access settings

Input the WIFI password, pay attention to connect 2.4G network environment, we temporarily do not support 5G network.

There are two config mode EZ mode and AP mode.

8.1 EZ Mode

8.1.1 Ensure the indicator light flashing quickly (twice a second) which indicates that the device is in EZ mode which allows you to connect.

8.1.2 Please press and hold the power button for 6 seconds, till the indicator light flashing quickly. Click the "Confirm indicator blinks rapidly" button on the page to start configuration.

8.2 AP Mode

8.2.1 Choose the "AP Mode" in the upper right corner

8.2.2 Ensure the indicator light flashing slowly (once every 3 seconds) which indicates that the device is in AP mode.

Please press and hold the power button for 6 second, till the indicator light flashing slowly.

8.2.3 After the indicator light flashes slowly, click the confirmation button on the page to connect 2.4G network.

8.2.4 Then click "Connect Now" to connect to the hotspot of the device "SL_b+d-xxxx".

9. Follow the in-app instructions to connect the smart plug to your Wi-Fi network. Once the configuration is completed successfully, the

indicator light will turn to solid blue and the device will be added to the "Device List".

10. Control devices

10.1 You can turn on/off your device by typing on the switch logo.

10.2 On the schedule/timer page, you can set the devices on or off at a specific time as you want.

11. Check Usage

On the "Electric" page, you can view and track energy consumption of your smart plug.

12 Others

12.1 Click the " " button in the upper right corner of the plug control page to enter the "More" page.

12.2 Device Sharing: Input the account which has registered for "BLACK+DECKER HOME" to share the devices with friends and family.

12.3 Device Info: You can check: Device ID, Wifi signal strength, IP address, Mac address and device time zone in here.

12.4 Create Group: The page will automatically display the added device with the same model after clicking it, different models cannot be created to a group.

12.5 Send Feedback: If the device encountered and issues, you can submit it here.

12.6 Check for Firmware Update: You can check whether there is firmware that needs to be updated.

12.7 Remove Device: If the device is no longer in user or offline, you can click to remove it and add it again.

13. Create Group

Click “Create Group” devices that have been added and have the same model number will be displayed on the page after selecting the devices that you want to create a group, click on “Confirm” in the upper right corner to save the group name.

14. Device Sharing

Click “Add” enter the phone number or email which you want to share, then click “Confirm” to complete sharing. You must have registered APP then can be shared successfully.

15. Work with Alexa/Google Assistant

Use BLACK+DECKER HOME app to pair your smart plug with Amazon Alexa or Google Assistant for hands-free experience.

15.1 Click the “ “button in the upper right corner of the plug control pahgge to enter the “More” page.

15.2 Select Alexa or Google Assistant under Third-party Control.

TROUBLESHOOTING

Review this table to find do-it-yourself solutions for minor performance problems. Any other service needed should be performed by qualified service agent.

⚠ *WARNING: Always turn off and unplug appliance before performing maintenance to the appliance. Failure to do so could result in electrical shock or personal injury.*

	Problem	Possible Cause	Possible Solution
1.	Cannot connect to WI-FI	1. Internet problems 2. Wrong WI-FI password	1. Selecte a 2.4 Ghz wifi which is the same that your phone is connected with. 2. Enter corrected WI-FI password 3. Reset WI-FI router
2.	Cannot activate Alexa / Google voice control	1. Disable APP in Alexa / Google APP 2. Unproper commands 3. Modified the name of the plug	1. Enable APP in Alexa / Google APP 2. Use proper commands 3. Rediscover the devices through Alexa / Google app.

WARRANTY & TRADEMARK ACKNOWLEDGEMENT

Three-Year Limited Warranty

CT Nova warrants to the original consumer purchaser only that this product and the component parts thereof will be free from defects in workmanship and materials. CT Nova will, repair or replace, at its sole option and discretion, this product or any defective parts.

CT Nova’s liability hereunder shall be limited to repair or replacement of the defective part or parts, and such correction shall constitute a fulfillment of all of CT Nova’s warranties hereunder.

This limited 3-year warranty is only valid for the original consumer purchaser in limited jurisdictions and is not transferrable. This limited 3-year warranty will automatically terminate if this product is sold or otherwise transferred to another party. The product must be purchased from CT Nova or an authorized dealer or the warranty is void. This limited 3-year warranty is valid only for products purchased and utilized in specific jurisdictions. Please visit our website

at **www.ctnovatech.com** for a list of jurisdictions wherein this 3-year limited warranty is valid.

This limited 3-year warranty does not apply to accessories and consumables and does not cover damage due to misuse, abuse, negligence, acts of God, accident, commercial use or modification of, or to any part of this product. This warranty does not cover damage due to improper operation, maintenance or installation; ordinary wear and tear; or attempted alter actions or repairs by anyone other than CT Nova or someone authorized by CT Nova to do warranty work. Any unauthorized alterations or repairs will void this warranty. This limited 3-year warranty does not cover product sold AS IS or WITH ALL FAULTS. This limited 3-year warranty is invalid if the factory applied serial number or date stamp has been altered, defaced or removed from this product. This limited 3-year warranty does not cover product purchased or utilized in a jurisdiction not covered.The procedure for obtaining service and support, and the applicability of this warranty, will vary depending on the country or jurisdiction in which you purchase and utilize the product. For details on obtaining product service, support and other warranty information

please visit **www.ctnovatech.com**.

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Provided that the product was purchased from CT Nova itself or through its authorized reseller or agent and utilized

in the U.S.A., CT Nova will, without charge, repair or replace, at its option, defective products, products or component parts upon delivery to the authorized CT Nova Authorized Service Center, accompanied by proof of the date of first customer purchase, such as a duplicated copy of a sales receipt.

You must pay any initial shipping charges required to ship the product for warranty service , but the return charges, to an address in the U.S.A. will be at CT Nova’ expense, if the product is under warranty.

For Products Purchased Outside the U.S.A.

Please contact your authorized local reseller or agent for warranty information.

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COMPLIANCE

FCC AND INDUSTRY CANADA

RF Radiation Exposure statement: This equipment complies with FCC and Industry Canada RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the antenna and all persons.

Cet appareil est conforme aux limites d’exposition au rayonnement FR du FCC et d’Industrie Canada pour un environnement non contrôlé. Cet appareil devrait être installé et devrait fonctionner de sorte qu’il se trouve à une distance d’au moins 20 cm entre l’antenne et toute personne.

INDUSTRY CANADA

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d’Industrie Canada applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes : (1) l’appareil ne doit pas produire de brouillage, et (2) l’utilisateur de l’appareil doit accepter toutbrouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.